a. providing a sensor to measure a brainwave signal of a user;

b. measuring said brainwave signal with said sensor and processing said brainwave signal to produce a processed signal;

c. inputting said processed signal to said computer, where said computer receives at least one other input signal from at least one other input device [and where said processed signal changes an effect of said at least one other input signal; and]

d. determining from said signals the interest level of said user at any given time; and,

e. modifying said program to present more experiences that are of interest to said user based upon said determination step.

A'(cont.)

[d. repeating steps b and c, as desired.]

31.

32. (Once Amended) A method for using a brainwave signal to affect a program running on a computer, comprising the steps of:

a. providing a sensor to measure a brainwave signal of a user;

b. measuring said brainwave signal with said sensor and processing said brainwave signal to produce a processed signal; [and]

c. inputting said processed signal to said computer for analysis by said program; [and using said processed signal to modify a logic driving said program.]

d. determining from said processed signals the interest level of said user for any event generated by said program at any given time; and,

e. maintaining a record of events presented to said user and the resulting interest

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levels of said user to said events.

Please add the following claim:

Claim 33. (New) The method of claim 32 further comprising the step of modifying said program to present a greater frequency of those types of events already presented to said user that are of interest to said user based upon said record of events.

REMARKS

Reconsideration of the above-referenced application is respectfully requested. After entry of the within amendment, 32 claims remain pending in the above-referenced application, being claims numbered 1-13 and 15-33

I. 35 U.S.C. 102 Claim Rejections

The Examiner has rejected claims 1 through 8 and 22 under 35 USC § 102 (e) stating that the claims have been anticipated by Lewis, et al., U.S. Patent number 5,762,611. Applicant's Attorney respectfully traverses the Examiner on this ground of rejection.

The Examiner stated that Lewis, et al. teaches the invention as stated in claim 1. Lewis measures *evoked potentials* in response to a set of external stimuli, not natural event signals as are measured and set out in the present claims. Lewis is directed towards obtaining first and second signals for comparison which are generated in response to external stimulus and then comparing the two signals, both of which result directly from this external stimuli. As set forth in Lewis (column 4, lines 1 through 6; column 8, lines 8 through 12; column 8, lines 60